

Title (en)

New metal ion control agents based on dicyclopentadiene derivatives.

Title (de)

Chelatbildende Mittel auf der Basis von Dicyclopentadien-Derivaten.

Title (fr)

Agents pour la chélation à base de dérivés de dicyclopentadiène.

Publication

EP 0166020 A1 19860102 (EN)

Application

EP 84107526 A 19840629

Priority

- EP 84107526 A 19840629
- US 48612283 A 19830418

Abstract (en)

[origin: US4500470A] New compounds have been prepared from dicyclopentadiene bis(methylamine) which have the following formula <IMAGE> wherein substituents A, B, X and Y each are independently selected from radicals including hydrogen, hydroxyalkyl (wherein the alkyl group contains 2-6 carbon atoms) phosphonic, sulfonic, hydroxyethyl- and hydroxypropyl-sulfonic, methylenephosphonic methylene-, ethylene- and propylenesulfonic, alkylcarboxylic acid radicals (having 2-4 carbon atoms) and the alkali or alkaline earth metal, ammonia and amine salts of any of the phosphonic, sulfonic or carboxylic acid derivatives. At least one of the substituents must be other than a hydrogen.

IPC 1-7

C07F 9/38; **C07C 143/14**; **C07C 101/12**; **C07C 91/08**; **C02F 5/14**

IPC 8 full level

C02F 5/12 (2006.01); **C02F 5/14** (2006.01); **C07C 67/00** (2006.01); **C07C 213/00** (2006.01); **C07C 215/14** (2006.01); **C07C 301/00** (2006.01); **C07C 309/14** (2006.01); **C07F 9/38** (2006.01); **C07F 9/40** (2006.01)

CPC (source: EP US)

C02F 5/12 (2013.01 - EP US); **C02F 5/14** (2013.01 - EP US); **C07F 9/3817** (2013.01 - EP US)

Citation (search report)

- [A] EP 0092913 A1 19831102 - BETZ EUROP INC [US]
- [A] EP 0026983 A1 19810415 - HENKEL CORP [US]
- [A] FR 1510777 A 19680119 - GEIGY AG J R
- [A] US 4212734 A 19800715 - REDMORE DEREK [US], et al

Cited by

US8466227B2; WO9311741A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

AU 2949884 A 19860102; **AU 572853 B2 19880519**; BR 8403955 A 19860311; CA 1229621 A 19871124; DE 3484471 D1 19910523; EP 0166020 A1 19860102; EP 0166020 B1 19910417; JP S6118749 A 19860127; NO 842458 L 19851220; US 4500470 A 19850219; ZA 844825 B 19860226

DOCDB simple family (application)

AU 2949884 A 19840619; BR 8403955 A 19840803; CA 456755 A 19840618; DE 3484471 T 19840629; EP 84107526 A 19840629; JP 13788384 A 19840705; NO 842458 A 19840619; US 48612283 A 19830418; ZA 844825 A 19840625